

WHAT IS CLAIMED IS:

1. A projector, comprising:  
at least one light source generating a light beam;  
at least one optics system disposed in the light beam; and  
at least one translucent tape at least partially disposed in the light beam, the tape having at least one red segment, at least one blue segment, and at least one green segment, the segments moving translationally across the light beam to establish a color image.
2. The projector of Claim 1, wherein the projector is a digital light projector (DLP).
3. The projector of Claim 1, further comprising a digital mirror device (DMD) disposed in the light path.
4. The projector of Claim 3, wherein the tape is endless.
5. The projector of Claim 4, wherein the tape circulates past the DMD.
6. The projector of Claim 3, further comprising at least one fan disposed in a housing, the housing holding the tape, light source, optics system, and DMD, the tape moving in a plane, the fan exhausting air perpendicular to the plane.

7. The projector of Claim 3, wherein the tape has plural red segments, plural green segments, and plural blue segments, the tape having a flat configuration wherein the tape is rectilinear.

8. The projector of Claim 1, wherein the tape moves around plural rollers, at least one roller being motor driven.

9. The projector of Claim 3, comprising markers engaged with the tape, each marker being associated with a respective color, the markers being sensed by a sensor.

10. A method for producing a demanded image using a digital mirror device (DMD), comprising:

directing a light beam at the DMD; and

altering the color of the light beam without using a color wheel.

11. The method of Claim 11, wherein the altering act is undertaken by translationally moving a tape past the DMD.

12. The method of Claim 11, further comprising synchronizing movement of the tape with the DMD.

13. A projector, comprising:

means for generating a demanded image; and

non-rotating translationally-moving means juxtaposed with the means for generating for altering the color of a light beam entering the means for generating.

14. The projector of Claim 13, wherein the means for generating includes at least one digital mirror device (DMD) and the non-rotating means includes at least one tape having at least one red segment, at least one blue segment, and at least one green segment.

15. The projector of Claim 14, wherein the projector is a digital light projector (DLP).

16. The projector of Claim 14, further comprising a digital mirror device (DMD) disposed in the light path.

17. The projector of Claim 16, wherein the tape is endless.

18. The projector of Claim 17, wherein the tape circulates past the DMD.

19. The projector of Claim 16, further comprising at least one fan disposed in a housing, the housing holding the tape, a light source, an optics system, and the DMD, the tape moving in a plane, the fan exhausting air perpendicular to the plane.

20. The projector of Claim 16, wherein the tape has plural red segments, plural green segments, and plural blue segments, the tape having a flat configuration wherein the tape is rectilinear.

21. The projector of Claim 14, wherein the tape moves around plural rollers, at least one roller being motor driven.

22. The projector of Claim 16, comprising markers engaged with the tape, each marker being associated with a respective color, the markers being sensed by a sensor.